

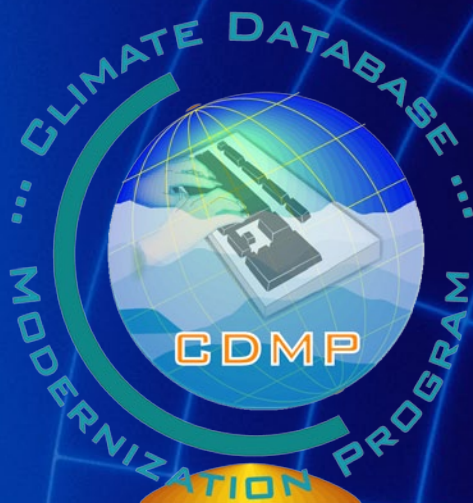
# CDMP '11

**A NOAA Workshop for Submitting  
CDMP FY11 Task Proposals**



**November 9-10, 2010  
Santa Cruz, CA**

**CLIMATE DATABASE  
MODERNIZATION PROGRAM**



The Climate Database Modernization Program (CDMP) began its second decade in 2010, and we believe 2011 will build on that legacy of success. Environmental and climate data once restricted to file cabinets and basement storage are now available online, with more added every day. CDMP supports all NOAA operational line organizations with services intended to make these important data more accessible and easier to use.

To that end, we invite you to *CDMP '11 – A NOAA Workshop for Submitting FY11 CDMP Task Proposals*. The Workshop is set for Nov. 9-10, 2010, at NOAA's National Marine Fisheries Service, Fisheries Ecology Division in Santa Cruz, CA. The Workshop will give each NOAA agency the opportunity to present proposals to continue multi-year projects currently being funded, and for new projects to be funded in FY11.

Please read through this guideline booklet, paying particular attention to deadlines and requirements that apply to you and your situation. If you have questions, please get in touch with me at the contact information provided at the end of this booklet. Hope to see you in Santa Cruz!

Tom Ross  
Program Manager, CDMP



**We just can't stay away!**

**The CDMP Proposal Workshop  
returns to  
Santa Cruz, CA**

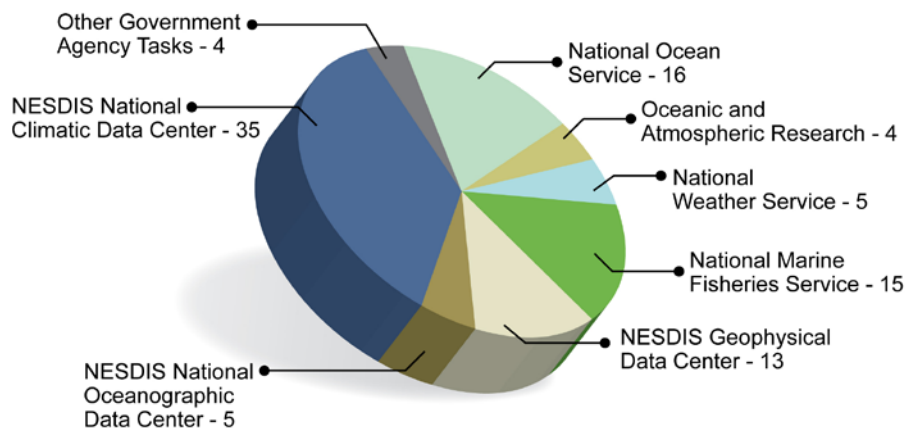
**Please join us!  
November 9-10, 2010**



Does your agency have valuable climate or environmental data that are inaccessible, deteriorating, or just not seeing the light of day? If so, NOAA's Climate Database Modernization Program (CDMP) might be just the program for you.

This year, the CDMP has 97 individual NOAA tasks underway, an all-time high (see page 7 for a selected list of current tasks). These tasks frequently involve imaging and/or keying historical climate or environmental records from paper, microfilm, or microfiche. But CDMP tasks also range from digitizing historic photographs, to transcribing and converting audio and video tapes, to providing resources for placing data online, and much more.

If you believe your project might qualify for CDMP funding, please read on. This booklet will help you decide whether to submit a proposal, and give you some suggestions and examples of how to do it. As always, feel free to contact CDMP staff for help. Good luck!



*The number of NOAA's CDMP supported projects reached an all-time record 97 tasks in Fiscal Year 2010.*

# Proposal Selection Criteria

A wide variety of tasks are supported by CDMP, with costs ranging from a few thousand dollars to several million dollars for multi-year tasks. (Awards depend directly on available funding.)

Proposals for CDMP support must reflect the NOAA Vision:

*An informed society that uses a comprehensive understanding of the role of the oceans, coasts, and atmosphere in the global ecosystem to make the best social and economic decisions.*

In addition, proposals are judged against the following criteria:

- *Contribution to improved data access and rescue*
- *Value to global scientific community*
- *Application to services provided by contractors (see p. 4)*
- *Cost effectiveness*

Ongoing projects have top priority; the final selections for new proposals will be based on the criteria above and the available funding.

A decision on approved FY11 tasks will be announced when the CDMP FY11 budget is finalized. New tasks shall begin as early as Spring, 2011.



*Even projects as varied as the keying of Alaskan Bering Sea crab population data are supported through CDMP.*



## CDMP supports the following services:

- Imaging from paper, bound books, microfiche, microfilm, photographs, and negatives
- Image indexing available for on-line storage and retrieval
- Keying from paper, microfiche, or digital image
- Data hosting and web access
- Information technology development, database development
- Streaming video output
- GIS (vectorizing, geolocation, etc.)
- Optical character recognition (OCR)

Other similar specialized services may be available.



## CDMP Primary Contractors

### National Interest Security Company An IBM Company

310 State Route 956  
Rocket Center, WV 27726



Ed Fisher, Program Manager

### HOV Services

12200 Kiln Court  
Beltsville, MD 20705



John Jacobs, Program Manager

### SourceCorp

Rockcastle Services Center  
618 Progress Drive  
Mt. Vernon, KY 40456



Neal McCall, Director of Operations  
Debbie Miller, Operations Manager



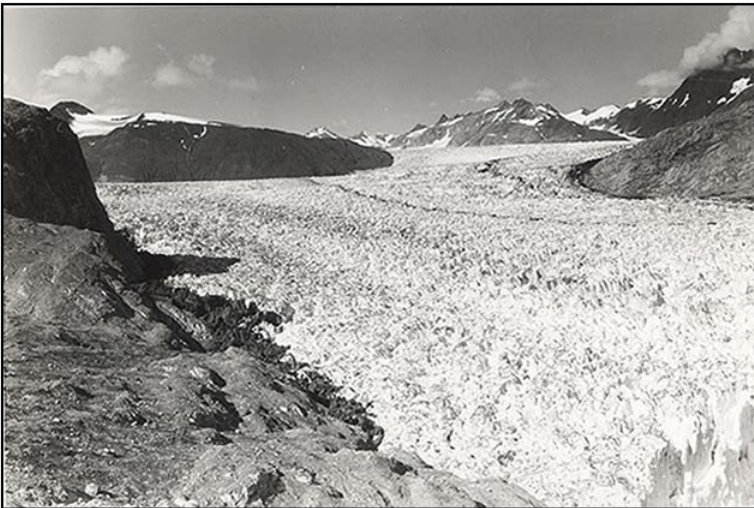
## CDMP Task Management Tips

As a CDMP project task manager, you will need to consider several details when you prepare your proposal, and later run your project.

- *Document information.* Your proposal will need to detail how many documents exist, their condition, and on what media are they stored. These items will affect project cost.
- *Managing the project.* Have a staffing plan in place for such project management details as preparing task orders, answering contractor questions, phoning into quarterly CDMP progress meetings, preparing data or images for shipment, and performing quality

assurance on returned products. CDMP staff can help you estimate how long the project may take to help you determine if you'll have these resources for the full project period. Keep in mind that funds provided for your project management task are limited (about 10% of the total project funding).

- *Product access.* One of CDMP's core missions is making NOAA data widely available, generally online via the Web. In your proposal, provide as many details as possible about how your organization will make the products provided under CDMP accessible to the scientific community and/or the public.



*Signs of climate change in these "glacier pair" photographs, taken some 60 years apart and imaged through CDMP.*



## Major CDMP FY10 Tasks

### National Climatic Data Center

- Subscription Services
- Daily Cooperative Observations - imaging, keying
- Hourly Surface Observations - imaging, keying
- Upper-Air Observations - imaging, keying
- Signal Service/Smithsonian Obs (“Forts”) - keying
- Hourly Precipitation Data - imaging, keying
- Station History & Metadata development
- Integrated Inventory System development
- Historic Marine Observations - keying
- Mexican Daily/Hourly Data - imaging, keying
- Vietnamese Daily/Hourly Data - keying
- Monthly Weather Review - Web based searchable indexing
- Snotel Data - keying
- East India Company Data - keying
- Simultaneous Noontime Ship Obs - imaging, keying

### National Geophysical Data Center

- DMSP film - imaging
- Glacier Photos - imaging
- Marine Geophysical Records - imaging, keying
- Ionospheric Observations - keying
- Historical Solar and Spectral Observations - imaging
- Tsunami Event Tide Gage Records - imaging, keying
- Historic International Polar Year - imaging
- Marine/Lacustrine Record of Climate Change - imaging
- Heat Mapping Mission Data - imaging
- Historic Cosmic Ray Ionization Chamber Data - imaging, keying
- Historical International Polar Year - imaging

### National Oceanographic Data Center

- NOAA Library Rare Climate Publications - imaging
- NOAA Film Transfer - Beta/VHS
- NODC Metadata Archeology - imaging, keying

### National Marine Fisheries Service

- Data Recovery on Cetaceans - imaging and keying
- Fish Egg & Larvae - keying
- REEF - optical scanning
- Historical Menhaden Tagging Data - keying
- Historical Plankton - keying
- Historical Fish Landing Data - keying
- Historic Bering Sea Crab Data - imaging and keying
- Oral History Interviews - transcription and digitizing
- Turtle Exclusion Data - imaging and keying
- CalCofi Fish Larval Data Rescue - keying
- West Coast/Alaskan Plankton Data Recovery - keying

### National Ocean Service

- Shoreline Charts - vectorizing
- Thunder Bay Historical Collections - imaging and keying
- California Marine Ecosystem Survey - imaging and keying
- Historical Maps and Nautical Charts - geolocation
- Historic Environmental Sensitivity Maps - imaging
- Fish Commission Historical Papers/Logbooks - imaging, keying
- High/Low Water Level at NOS Sites - imaging, indexing, keying
- Special Reports for Geographic Names - imaging
- Historical Aerial Photography - imaging

### National Weather Service

- African Upper-Air Observations (seven nations) - keying
- Surface data from Uruguay - imaging and keying
- Atlantic/Pacific Tropical Cyclone “Storm Wallets” - imaging

### Office of Oceanic and Atmospheric Research

- San Cristobal Surface Data - keying
- Hurricane Reconnaissance - imaging & streaming video
- European historical ship logbooks - imaging and keying

### Regional Climate Centers

- Database Conversion and Quality Control

# Submitting a CDMP Proposal

**For continuing proposals,** please send a short (one page) update. This should include:

- Name of organization and task leader(s).
- Mailing address, phone number and e-mail of task leader(s).
- Name or title of the task and the assigned task order number.
- Accomplishments in FY10.
- Scope of work proposed for FY11.
- An estimate of time needed for your agency to prepare materials for delivery to the CDMP contractors, to quality assure the returning products, and to make the data accessible if fully funded.



*2009's Workshop attendees take a break.*

If the requirements of a continuing task change substantially, then a more detailed task order must be submitted. This approach is necessary to better gauge the cost of each potential task.

**For proposed new CDMP tasks,** a more detailed task order is required, including:

- Name of organization and task leader(s).
- Name or title of the task.
- Describe how the task will contribute to the modernization and utilization of a climate or environmental database.
- Describe the task in detail, outlining what would be required of the contractor, what the task involves, including volume counts (i.e. number of documents, pages,



charts, and condition of documents), and what would be provided by the agency. Describe all steps in the process to help CDMP & contractors estimate a total cost.

- Provide an estimate of the time needed for your agency to prepare the data for the CDMP contractors.
- Indicate how these documents or data will be made available to the public and/or scientific community, and where in NOAA they will be archived.

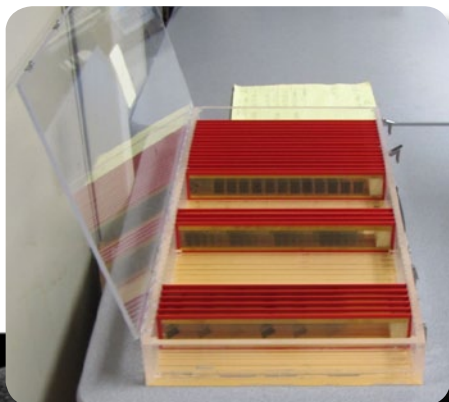
**October 20, 2010.** The preferred formats are Microsoft Word or a PDF document. E-mail address is Tom.Ross@noaa.gov.

In addition, a short PowerPoint summary of the proposal is required, to be presented at the workshop to be held November 9-10, 2010 in Santa Cruz, CA. It is not necessary to send the PowerPoint presentation to CDMP as long as you (or a colleague) will be presenting at the workshop; if no one from your line office is available to present, please let Tom Ross know when you submit your full proposal, and other arrangements will be made as necessary.

Several sample task orders are available as PDF files at the CDMP proposal workshop page ([www.ncdc.noaa.gov/oa/climate/cdmp/proposalscall.html](http://www.ncdc.noaa.gov/oa/climate/cdmp/proposalscall.html)).

Proposals/task orders must be submitted electronically to Tom Ross, Program Manager, Climate Database Modernization Program by

Samples of past workshop presentations are available online at the CDMP proposal workshop page ([www.ncdc.noaa.gov/oa/climate/cdmp/fy10proposals](http://www.ncdc.noaa.gov/oa/climate/cdmp/fy10proposals)).



*CDMP contractors can handle a wide variety of media – such as fragile glass plate negatives (left), from which dramatic solar images (below, right) were created.*



# Workshop Information and Dates

## Hotel Information

A variety of hotels are near the Fisheries Ecology Division Santa Cruz Lab, the site of the Workshop. Rooms have been blocked for Workshop attendees at the Sea and Sand Inn (831-427-3400). Mention group name CDMP and receive a 10% discount (must reserve by October 8).

For more details and other hotel information, visit CDMP's Proposal Meeting web page (<http://www.ncdc.noaa.gov/oa/climate/cdmp/proposals.html>) and follow the Hotels link.

## October 20, 2010

CDMP proposals or task orders due (see pp. 8-9).

## November 9-10, 2010

CDMP '11 Proposal Workshop in Santa Cruz, CA. Hosted by NOAA's National Marine Fisheries Service, Fisheries Ecology Division (Santa Cruz Lab). Participants will need a photo ID to access facility; any foreign nationals should contact CDMP for visitation requirements. Note that parking is limited, and car pooling is encouraged. For directions to the facility, visit CDMP's Proposal Meeting web page (see link above).

The Workshop will start at 8:30 AM both days, ending at 4:30 PM on Nov. 9 and at around noon on Nov. 10 (all times PST).






**For more information, or if  
you have questions about the  
CDMP '11 Workshop or your  
proposal, please contact:**

**Tom Ross  
Tom.Ross@noaa.gov  
(828) 271-4499**

**or**

**Rod Truesdell  
Raymond.Truesdell@noaa.gov  
(828) 271-4135**



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151 Patton Avenue  
Asheville, North Carolina 28801-5001**

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[www.ncdc.noaa.gov/cdmp.html](http://www.ncdc.noaa.gov/cdmp.html)**